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Activation of MEF2 by muscle activity is mediated through a calcineurin-dependent pathway.

EMBO J. 2001 Nov 15;20(22):6414-23.

PMID: 11707412 [PubMed - indexed for MEDLINE]

2: Rothermel BA, McKinsey TA, Vega RB, Nicol RL, Mammen P, Yang J, Antos CL, Shelton JM, Bassel-Duby R, Olson EN, Williams RS. Related Articles, Links

Myocyte-enriched calcineurin-interacting protein, MCIP1, inhibits cardiac hypertrophy in vivo.

Proc Natl Acad Sci U S A. 2001 Mar 13;98(6):3328-33.

PMID: 11248078 [PubMed - indexed for MEDLINE]

3: Rothermel B, Vega RB, Yang J, Wu H, Bassel-Duby R, Williams RS. Related Articles, Links

A protein encoded within the Down syndrome critical region is enriched in striated muscles and inhibits calcineurin signaling.

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A conserved family of calcineurin regulators.

Genes Dev. 2000 Jul 1;14(13):1595-604.

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2: Fuentes JJ, Genesca L, Kingsbury TJ, Cunningham KW, Perez-Riba M, Estivill X, de la Luna S. Related Articles, Links

DSCR1, overexpressed in Down syndrome, is an inhibitor of calcineurin-mediated signaling pathways.

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PMID: 10861295 [PubMed - indexed for MEDLINE]

3: Vega RB, Yang J, Rothermel BA, Bassel-Duby R, Williams RS. Related Articles, Links

Multiple domains of MCIP1 contribute to inhibition of calcineurin activity.

J Biol Chem. 2002 Aug 16;277(33):30401-7.

PMID: 12063245 [PubMed - indexed for MEDLINE]

4: Matheos DP, Kingsbury TJ, Ahsan US, Cunningham KW. Related Articles, Links

Tcn1p/Crz1p, a calcineurin-dependent transcription factor that differentially regulates gene expression in *Saccharomyces cerevisiae*.

Genes Dev. 1997 Dec 15;11(24):3445-58.

PMID: 9407036 [PubMed - indexed for MEDLINE]

5: Rothermel B, Vega RB, Yang J, Wu H, Bassel-Duby R, Williams RS. Related Articles, Links

A protein encoded within the Down syndrome critical region is enriched in striated muscles and inhibits calcineurin signaling.

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6: Gorlach J, Fox DS, Cutler NS, Cox GM, Perfect JR, Heitman J. Related Articles, Links

Identification and characterization of a highly conserved calcineurin binding protein, CBP1/calcipressin, in *Cryptococcus neoformans*.

EMBO J. 2000 Jul 17;19(14):3618-29.

PMID: 10899116 [PubMed - indexed for MEDLINE]

7: Frey N, Richardson JA, Olson EN. Related Articles, Links

Calsarcins, a novel family of sarcomeric calcineurin-binding proteins.

Proc Natl Acad Sci U S A. 2000 Dec 19;97(26):14632-7.

PMID: 11114196 [PubMed - indexed for MEDLINE]

8: Rusnak E, Mertz P. Related Articles, Links

Calcineurin: form and function.

Physiol Rev. 2000 Oct;80(4):1483-521. Review.

PMID: 11015619 [PubMed - indexed for MEDLINE]

9:[Stathopoulos AM, Cyert MS.](#)

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Calcineurin acts through the CRZ1/TCN1-encoded transcription factor to regulate gene expression in yeast.  
*Genes Dev.* 1997 Dec 15;11(24):3432-44.  
PMID: 9407035 [PubMed - indexed for MEDLINE]

10:[Wang Y, De Keulenaer GW, Weinberg EO, Muangman S, Gualberto A, Landschulz KT, Turi TG, Thompson JF, Lee RT.](#)

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Direct biomechanical induction of endogenous calcineurin inhibitor Down Syndrome Critical Region-1 in cardiac myocytes.  
*Am J Physiol Heart Circ Physiol.* 2002 Aug;283(2):H533-9.  
PMID: 12124198 [PubMed - indexed for MEDLINE]

11:[Casas C, Martinez S, Pritchard MA, Fuentes JJ, Nadal M, Guimera J, Arbones M, Florez J, Soriano E, Estivill X, Alcantara S.](#)

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Dscr1, a novel endogenous inhibitor of calcineurin signaling, is expressed in the primitive ventricle of the heart and during neurogenesis.  
*Mech Dev.* 2001 Mar;101(1-2):289-92.  
PMID: 11231093 [PubMed - indexed for MEDLINE]

12:[Boustany LM, Cyert MS.](#)

[Related Articles](#), [Links](#)

Calcineurin-dependent regulation of Crz1p nuclear export requires Msn5p and a conserved calcineurin docking site.  
*Genes Dev.* 2002 Mar 1;16(5):608-19.  
PMID: 11877380 [PubMed - indexed for MEDLINE]

13:[Kudla J, Xu Q, Harter K, Gruisse W, Luan S.](#)

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Genes for calcineurin B-like proteins in Arabidopsis are differentially regulated by stress signals.  
*Proc Natl Acad Sci U S A.* 1999 Apr 13;96(8):4718-23.  
PMID: 10200328 [PubMed - indexed for MEDLINE]

14:[Shi J, Kim KN, Ritz O, Albrecht V, Gupta R, Harter K, Luan S, Kudla J.](#)

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Novel protein kinases associated with calcineurin B-like calcium sensors in Arabidopsis.  
*Plant Cell.* 1999 Dec;11(12):2393-405.  
PMID: 10590166 [PubMed - indexed for MEDLINE]

15:[Rothermel BA, Vega RB, Williams RS.](#)

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The role of modulatory calcineurin-interacting proteins in calcineurin signaling.  
*Trends Cardiovasc Med.* 2003 Jan;13(1):15-21.  
PMID: 12554096 [PubMed - in process]

16:[Sugiura R, Toda T, Shunoh H, Yanagida M, Kuno T.](#)

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pmp1+, a suppressor of calcineurin deficiency, encodes a novel MAP kinase phosphatase in fission yeast.  
*EMBO J.* 1998 Jan 2;17(1):140-8.  
PMID: 9427748 [PubMed - indexed for MEDLINE]

17:[Sullivan KM, Rubin GM.](#)

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The Ca(2+)-calmodulin-activated protein phosphatase calcineurin negatively regulates EGF receptor signaling in Drosophila development.  
*Genetics.* 2002 May;161(1):183-93.  
PMID: 12019233 [PubMed - indexed for MEDLINE]

18:[Ermak G, Harris CD, Davies KJ.](#)

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The DSCR1 (Adapt78) isoform 1 protein calcipressin 1 inhibits calcineurin and protects against acute calcium-mediated stress damage, including transient oxidative stress.

19: Blaeser F, Ho N, Prywes R, Chatila TA.

Related Articles, Links

Ca(2+)-dependent gene expression mediated by MEF2 transcription factors.  
J Biol Chem. 2000 Jan 7;275(1):197-209.  
PMID: 10617605 [PubMed - indexed for MEDLINE]

20: Miskin JE, Abrams CC, Dixon LK.

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African swine fever virus protein A238L interacts with the cellular phosphatase calcineurin via a binding domain similar to that of NFAT.  
J Virol. 2000 Oct;74(20):9412-20.  
PMID: 11000210 [PubMed - indexed for MEDLINE]

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Novel human ZAKI-4 isoforms: hormonal and tissue-specific regulation and function as calcineurin inhibitors.  
*Biochem J.* 2002 Oct 15;367(Pt 2):459-66.  
PMID: 12102656 [PubMed - indexed for MEDLINE]
- 22: [Fox DS, Heitman J.](#) Related Articles, Links  
Good fungi gone bad: the corruption of calcineurin.  
*Bioessays.* 2002 Oct;24(10):894-903. Review.  
PMID: 12325122 [PubMed - indexed for MEDLINE]
- 23: [Fruman DA, Pai SY, Burakoff SJ, Bierer BE.](#) Related Articles, Links  
Characterization of a mutant calcineurin A alpha gene expressed by EL4 lymphoma cells.  
*Mol Cell Biol.* 1995 Jul;15(7):3857-63.  
PMID: 7791792 [PubMed - indexed for MEDLINE]
- 24: [Stathopoulos-Gerontides A, Guo JJ, Cyert MS.](#) Related Articles, Links  
Yeast calcineurin regulates nuclear localization of the Crz1p transcription factor through dephosphorylation.  
*Genes Dev.* 1999 Apr 1;13(7):798-803.  
PMID: 10197980 [PubMed - indexed for MEDLINE]
- 25: [Lin X, Sikkink RA, Rusnak F, Barber DL.](#) Related Articles, Links  
Inhibition of calcineurin phosphatase activity by a calcineurin B homologous protein.  
*J Biol Chem.* 1999 Dec 17;274(51):36125-31.  
PMID: 10593895 [PubMed - indexed for MEDLINE]
- 26: [Williams KE, Cyert MS.](#) Related Articles, Links  
The eukaryotic response regulator Skn7p regulates calcineurin signaling through stabilization of Crz1p.  
*EMBO J.* 2001 Jul 2;20(13):3473-83.  
PMID: 11432834 [PubMed - indexed for MEDLINE]
- 27: [Garrett-Engele P, Moilanen B, Cyert MS.](#) Related Articles, Links  
Calcineurin, the Ca<sup>2+</sup>/calmodulin-dependent protein phosphatase, is essential in yeast mutants with cell integrity defects and in mutants that lack a functional vacuolar H(+)-ATPase.  
*Mol Cell Biol.* 1995 Aug;15(8):4103-14.  
PMID: 7542741 [PubMed - indexed for MEDLINE]
- 28: [Hemenway CS, Heitman J.](#) Related Articles, Links  
Calcineurin. Structure, function, and inhibition.  
*Cell Biochem Biophys.* 1999;30(1):115-51. Review.

29: Polizotto RS, Cyert MS.

Related Articles, Links

Calcineurin-dependent nuclear import of the transcription factor Crz1p requires Nmd5p.

J Cell Biol. 2001 Sep 3;154(5):951-60.

PMID: 11535618 [PubMed - indexed for MEDLINE]

 30: Molkentin JD.

Related Articles, Links

Calcineurin and beyond: cardiac hypertrophic signaling.

Circ Res. 2000 Oct 27;87(9):731-8. Review.

PMID: 11055975 [PubMed - indexed for MEDLINE]

 31: Reuter A, Mi J, Sehrsam I, Ludolph AC, Volkel H.

Related Articles, Links

A novel calcineurin splice variant that modifies calcineurin activity.

Eur J Biochem. 2001 Nov;268(22):5955-60.

PMID: 11722584 [PubMed - indexed for MEDLINE]

 32: Ganster RW, McCartney RR, Schmidt MC.

Related Articles, Links

Identification of a calcineurin-independent pathway required for sodium ion stress response in *Saccharomyces cerevisiae*.

Genetics. 1998 Sep;150(1):31-42.

PMID: 9725828 [PubMed - indexed for MEDLINE]

 33: Yoshimoto H, Saltsman K, Gasch AP, Li HX, Ogawa N, Botstein D, Brown PO, Cyert MS.

Related Articles, Links

Genome-wide analysis of gene expression regulated by the calcineurin/Crz1p signaling pathway in *Saccharomyces cerevisiae*.

J Biol Chem. 2002 Aug 23;277(34):31079-88.

PMID: 12058033 [PubMed - indexed for MEDLINE]

 34: Strippoli P, Petrini M, Lenzi L, Carinci P, Zannotti M.

Related Articles, Links

The murine DSCR1-like (Down syndrome candidate region 1) gene family: conserved synteny with the human orthologous genes.

Gene. 2000 Oct 31;257(2):223-32.

PMID: 11080588 [PubMed - indexed for MEDLINE]

 35: Strippoli P, Lenzi L, Petrini M, Carinci P, Zannotti M.

Related Articles, Links

A new gene family including DSCR1 (Down Syndrome Candidate Region 1) and ZAKI-4: characterization from yeast to human and identification of DSCR1-like 2, a novel human member (DSCR1L2).

Genomics. 2000 Mar 15;64(3):252-63.

PMID: 10756093 [PubMed - indexed for MEDLINE]

 36: Kessen U, Schaloske R, Aichem A, Mutzel R.

Related Articles, Links

Ca(2+)/calmodulin-independent activation of calcineurin from Dictyostelium by unsaturated long chain fatty acids.

J Biol Chem. 1999 Dec 31;274(53):37821-6.

PMID: 10608845 [PubMed - indexed for MEDLINE]

 37: Siniossoglou S, Hurt EC, Pelham HR.

Related Articles, Links

Psr1p/Psr2p, two plasma membrane phosphatases with an essential DXDX(T/V) motif required for sodium stress response in yeast.

J Biol Chem. 2000 Jun 23;275(25):19352-60.

PMID: 10777497 [PubMed - indexed for MEDLINE]

 38: Lai MM, Burnett PE, Wolosker H, Blackshaw S, Snyder SH.

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Cain, a novel physiologic protein inhibitor of calcineurin.

39: Perrino BA.

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Regulation of calcineurin phosphatase activity by its autoinhibitory domain.  
Arch Biochem Biophys. 1999 Dec 1;372(1):159-65.  
PMID: 10562429 [PubMed - indexed for MEDLINE]

40: Sugiura R, Sio SO, Shuntoh H, Kuno T.

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Calcineurin phosphatase in signal transduction: lessons from fission yeast.  
Genes Cells. 2002 Jul;7(7):619-27. Review.  
PMID: 12081640 [PubMed - indexed for MEDLINE]

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- 3: [Kingsbury TJ, Cunningham KW.](#) A conserved family of calcineurin regulators. *Genes Dev.* 2000 Jul 1;14(13):1595-604. PMID: 10887154 [PubMed - indexed for MEDLINE]
- 4: [Wang Y, De Keulenaer GW, Weinberg EO, Muangman S, Gualberto A, Landschulz KT, Turi TG, Thompson JF, Lee RT.](#) Direct biomechanical induction of endogenous calcineurin inhibitor Down Syndrome Critical Region-1 in cardiac myocytes. *Am J Physiol Heart Circ Physiol.* 2002 Aug;283(2):H533-9. PMID: 12124198 [PubMed - indexed for MEDLINE]
- 5: [Strippoli P, Lenzi L, Petrini M, Carinci P, Zannotti M.](#) A new gene family including DSCR1 (Down Syndrome Candidate Region 1) and ZAKI-4: characterization from yeast to human and identification of DSCR1-like 2, a novel human member (DSCR1L2). *Genomics.* 2000 Mar 15;64(3):252-63. PMID: 10756093 [PubMed - indexed for MEDLINE]
- 6: [Fuentes JJ, Pritchard MA, Planas AM, Bosch A, Ferrer I, Estivill X.](#) A new human gene from the Down syndrome critical region encodes a proline-rich protein highly expressed in fetal brain and heart. *Hum Mol Genet.* 1995 Oct;4(10):1935-44. PMID: 8595418 [PubMed - indexed for MEDLINE]
- 7: [Casas C, Martinez S, Pritchard MA, Fuentes JJ, Nadal M, Guimera J, Arbones M, Florez J, Soriano E, Estivill X, Alcantara S.](#) Dscr1, a novel endogenous inhibitor of calcineurin signaling, is expressed in the primitive ventricle of the heart and during neurogenesis. *Mech Dev.* 2001 Mar;101(1-2):289-92. PMID: 11231093 [PubMed - indexed for MEDLINE]
- 8: [Strippoli P, Petrini M, Lenzi L, Carinci P, Zannotti M.](#)

The murine DSCR1-like (Down syndrome candidate region 1) gene family: conserved synteny with the human orthologous genes.

Gene. 2000 Oct 31;257(2):223-32.

PMID: 11080588 [PubMed - indexed for MEDLINE]

9:[Ermak G, Harris CD, Davies KJ.](#)

[Related Articles](#), [Links](#)

The DSCR1 (Adapt78) isoform 1 protein calcipressin 1 inhibits calcineurin and protects against acute calcium-mediated stress damage, including transient oxidative stress.

FASEB J. 2002 Jun;16(8):814-24.

PMID: 12039863 [PubMed - indexed for MEDLINE]

10:[Frey N, Richardson JA, Olson EN.](#)

[Related Articles](#), [Links](#)

Calsarcins, a novel family of sarcomeric calcineurin-binding proteins.

Proc Natl Acad Sci U S A. 2000 Dec 19;97(26):14632-7.

PMID: 11114196 [PubMed - indexed for MEDLINE]

11:[Fuentes JJ, Pritchard MA, Estivill X.](#)

[Related Articles](#), [Links](#)

Genomic organization, alternative splicing, and expression patterns of the DSCR1 (Down syndrome candidate region 1) gene.

Genomics. 1997 Sep 15;44(3):358-61.

PMID: 9325060 [PubMed - indexed for MEDLINE]

12:[Ermak G, Morgan TE, Davies KJ.](#)

[Related Articles](#), [Links](#)

Chronic overexpression of the calcineurin inhibitory gene DSCR1 (Adapt78) is associated with Alzheimer's disease.

J Biol Chem. 2001 Oct 19;276(42):38787-94.

PMID: 11483593 [PubMed - indexed for MEDLINE]

13:[Miskin JE, Abrams CC, Goatley LC, Dixon LK.](#)

[Related Articles](#), [Links](#)

A viral mechanism for inhibition of the cellular phosphatase calcineurin.

Science. 1998 Jul 24;281(5376):562-5.

PMID: 9677199 [PubMed - indexed for MEDLINE]

14:[Masuda ES, Liu J, Imamura R, Imai SI, Arai KI, Arai N.](#)

[Related Articles](#), [Links](#)

Control of NFATx1 nuclear translocation by a calcineurin-regulated inhibitory domain.

Mol Cell Biol. 1997 Apr;17(4):2066-75.

PMID: 9121455 [PubMed - indexed for MEDLINE]

15:[Miskin JE, Abrams CC, Dixon LK.](#)

[Related Articles](#), [Links](#)

African swine fever virus protein A238L interacts with the cellular phosphatase calcineurin via a binding domain similar to that of NFAT.

J Virol. 2000 Oct;74(20):9412-20.

PMID: 11000210 [PubMed - indexed for MEDLINE]

16:[Chow CW, Dong C, Flavell RA, Davis RJ.](#)

[Related Articles](#), [Links](#)

c-Jun NH(2)-terminal kinase inhibits targeting of the protein phosphatase calcineurin to NFATc1.

Mol Cell Biol. 2000 Jul;20(14):5227-34.

PMID: 10866678 [PubMed - indexed for MEDLINE]

17:[Rothermel BA, Vega RB, Williams RS.](#)

[Related Articles](#), [Links](#)

The role of modulatory calcineurin-interacting proteins in calcineurin signaling.

Trends Cardiovasc Med. 2003 Jan;13(1):15-21.

PMID: 12554096 [PubMed - in process]

18:[Youn HD, Chatila TA, Liu JO.](#)

[Related Articles](#), [Links](#)

Integration of calcineurin and MEF2 signals by the coactivator p300 during T-cell apoptosis.

EMBO J. 2000 Aug 15;19(16):4323-31.

PMID: 10944115 [PubMed - indexed for MEDLINE]

19: [Serfling E](#), [Berberich-Siebelt F](#), [Chuvpilo S](#), [Jankevics E](#), [Klein-Hessling S](#), Related Articles, Links  
[Twardzik T](#), [Avots A](#).

The role of NF-AT transcription factors in T cell activation and differentiation.

Biochim Biophys Acta. 2000 Oct 20;1498(1):1-18. Review.

PMID: 11042346 [PubMed - indexed for MEDLINE]

20: [Hemenway CS](#), [Heitman J](#). Related Articles, Links

Calcineurin. Structure, function, and inhibition.

Cell Biochem Biophys. 1999;30(1):115-51. Review.

PMID: 10099825 [PubMed - indexed for MEDLINE]

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- 21:**[Shibasaki F, Kondo E, Akagi T, McKeon F.](#) Related Articles, Links  
 Suppression of signalling through transcription factor NF-AT by interactions between calcineurin and Bcl-2.  
*Nature.* 1997 Apr 17;386(6626):728-31.  
 PMID: 9109491 [PubMed - indexed for MEDLINE]
- 22:**[Vega RB, Yang J, Rothermel BA, Bassel-Duby R, Williams RS.](#) Related Articles, Links  
 Multiple domains of MCIP1 contribute to inhibition of calcineurin activity.  
*J Biol Chem.* 2002 Aug 16;277(33):30401-7.  
 PMID: 12063245 [PubMed - indexed for MEDLINE]
- 23:**[Zhu J, McKeon F.](#) Related Articles, Links  
 NF-AT activation requires suppression of Crm1-dependent export by calcineurin.  
*Nature.* 1999 Mar 18;398(6724):256-60.  
 PMID: 10094050 [PubMed - indexed for MEDLINE]
- 24:**[Muramatsu T, Kincaid RL.](#) Related Articles, Links  
 Inhibition of NF-AT signal transduction events by a dominant-negative form of calcineurin.  
*Biochem Biophys Res Commun.* 1996 Jan 17;218(2):466-72.  
 PMID: 8561779 [PubMed - indexed for MEDLINE]
- 25:**[Gorlach J, Fox DS, Cutler NS, Cox GM, Perfect JR, Heitman J.](#) Related Articles, Links  
 Identification and characterization of a highly conserved calcineurin binding protein, CBP1/calcipressin, in *Cryptococcus neoformans*.  
*EMBO J.* 2000 Jul 17;19(14):3618-29.  
 PMID: 10899116 [PubMed - indexed for MEDLINE]
- 26:**[Rusnak F, Mertz P.](#) Related Articles, Links  
 Calcineurin: form and function.  
*Physiol Rev.* 2000 Oct;80(4):1483-521. Review.  
 PMID: 11015619 [PubMed - indexed for MEDLINE]
- 27:**[Aramburu J, Garcia-Cozar F, Raghavan A, Okamura H, Rao A, Hogan PG.](#) Related Articles, Links  
 Selective inhibition of NFAT activation by a peptide spanning the calcineurin targeting site of NFAT.  
*Mol Cell.* 1998 Apr;1(5):627-37.  
 PMID: 9660947 [PubMed - indexed for MEDLINE]
- 28:**[Friday BB, Horsley V, Pavlath GK.](#) Related Articles, Links  
 Calcineurin activity is required for the initiation of skeletal muscle differentiation.  
*J Cell Biol.* 2000 May 1;149(3):657-66.  
 PMID: 10791979 [PubMed - indexed for MEDLINE]
- 29:**[Beals CR, Clipstone NA, Ho SN, Crabtree GR.](#) Related Articles, Links

Nuclear localization of NF-ATc by a calcineurin-dependent, cyclosporin-sensitive intramolecular interaction.

Genes Dev. 1997 Apr 1;11(7):824-34.

PMID: 9106655 [PubMed - indexed for MEDLINE]

30: Masuda ES, Imamura R, Amasaki Y, Arai K, Arai N.

[Related Articles](#), [Links](#)

Signalling into the T-cell nucleus: NFAT regulation.

Cell Signal. 1998 Oct;10(9):599-611. Review.

PMID: 9794241 [PubMed - indexed for MEDLINE]

31: Rao A, Luo C, Hogan PG.

[Related Articles](#), [Links](#)

Transcription factors of the NFAT family: regulation and function.

Annu Rev Immunol. 1997;15:707-47. Review.

PMID: 9143705 [PubMed - indexed for MEDLINE]

32: Chin ER, Olson EN, Richardson JA, Yang Q, Humphries C, Shelton JM, Wu H, Zhu W, Bassel-Duby R, Williams RS.

[Related Articles](#), [Links](#)

A calcineurin-dependent transcriptional pathway controls skeletal muscle fiber type.

Genes Dev. 1998 Aug 15;12(16):2499-509.

PMID: 9716403 [PubMed - indexed for MEDLINE]

33: Stankunas K, Graef IA, Neilson JR, Park SH, Crabtree GR.

[Related Articles](#), [Links](#)

Signaling through calcium, calcineurin, and NF-AT in lymphocyte activation and development.

Cold Spring Harb Symp Quant Biol. 1999;64:505-16. Review. No abstract available.

PMID: 11232327 [PubMed - indexed for MEDLINE]

34: Lai MM, Burnett PE, Wolosker H, Blackshaw S, Snyder SH.

[Related Articles](#), [Links](#)

Cain, a novel physiologic protein inhibitor of calcineurin.

J Biol Chem. 1998 Jul 17;273(29):18325-31.

PMID: 9660798 [PubMed - indexed for MEDLINE]

35: Pfister S, Machado-Santelli G, Won Han S, Henrique-Silva F.

[Related Articles](#), [Links](#)

Mutational analyses of the signals involved in the subcellular location of DSCR1.

BMC Cell Biol. 2002 Sep 11;3(1):24.

PMID: 12225619 [PubMed - as supplied by publisher]

36: Cao X, Kambe F, Miyazaki T, Sarkar D, Ohmori S, Seo H.

[Related Articles](#), [Links](#)

Novel human ZAKI-4 isoforms: hormonal and tissue-specific regulation and function as calcineurin inhibitors.

Biochem J. 2002 Oct 15;367(Pt 2):459-66.

PMID: 12102656 [PubMed - indexed for MEDLINE]

37: Blaeser F, Ho N, Prywes R, Chatila TA.

[Related Articles](#), [Links](#)

Ca(2+)-dependent gene expression mediated by MEF2 transcription factors.

J Biol Chem. 2000 Jan 7;275(1):197-209.

PMID: 10617605 [PubMed - indexed for MEDLINE]

38: Liu J, Masuda ES, Tsuruta L, Arai N, Arai K.

[Related Articles](#), [Links](#)

Two independent calcineurin-binding regions in the N-terminal domain of murine NF-ATx1 recruit calcineurin to murine NF-ATx1.

J Immunol. 1999 Apr 15;162(8):4755-61.

PMID: 10202017 [PubMed - indexed for MEDLINE]

39: Jiang B, Cyert MS.

[Related Articles](#), [Links](#)

Identification of a novel region critical for calcineurin function in vivo and in vitro.

J Biol Chem. 1999 Jun 25;274(26):18543-51.

PMID: 10373463 [PubMed - indexed for MEDLINE]

Role of kinases and the phosphatase calcineurin in the nuclear shuttling of transcription factor NF-AT4.

Nature. 1996 Jul 25;382(6589):370-3.

PMID: 8684469 [PubMed - indexed for MEDLINE]

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**Tcn1p/Crz1p**, a calcineurin-dependent transcription factor that differentially regulates gene expression in *Saccharomyces cerevisiae*.  
*Genes Dev.* 1997 Dec 15;11(24):3445-58.  
 PMID: 9407036 [PubMed - indexed for MEDLINE]
- 42:**[Kashishian A, Howard M, Loh C, Gallatin WM, Hoekstra MF, Lai Y.](#) Related Articles, Links  
**AKAP79** inhibits calcineurin through a site distinct from the immunophilin-binding region.  
*J Biol Chem.* 1998 Oct 16;273(42):27412-9.  
 PMID: 9765270 [PubMed - indexed for MEDLINE]
- 43:**[Aramburu J, Yaffe MB, Lopez-Rodriguez C, Cantley LC, Hogan PG, Rao A.](#) Related Articles, Links  
Affinity-driven peptide selection of an NFAT inhibitor more selective than cyclosporin A.  
*Science.* 1999 Sep 24;285(5436):2129-33.  
 PMID: 10497131 [PubMed - indexed for MEDLINE]
- 44:**[Molkentin JD.](#) Related Articles, Links  
Calcineurin and beyond: cardiac hypertrophic signaling.  
*Circ Res.* 2000 Oct 27;87(9):731-8. Review.  
 PMID: 11055975 [PubMed - indexed for MEDLINE]
- 45:**[Molkentin JD, Lu JR, Antos CL, Markham B, Richardson J, Robbins J, Grant SR, Olson EN.](#) Related Articles, Links  
A calcineurin-dependent transcriptional pathway for cardiac hypertrophy.  
*Cell.* 1998 Apr 17;93(2):215-28.  
 PMID: 9568714 [PubMed - indexed for MEDLINE]
- 46:**[Garcia-Cozar FJ, Okamura H, Aramburu JF, Shaw KT, Pelletier L, Showalter R, Villafranca E, Rao A.](#) Related Articles, Links  
Two-site interaction of nuclear factor of activated T cells with activated calcineurin.  
*J Biol Chem.* 1998 Sep 11;273(37):23877-83.  
 PMID: 9727000 [PubMed - indexed for MEDLINE]
- 47:**[Musaro A, McCullagh KJ, Naya FJ, Olson EN, Rosenthal N.](#) Related Articles, Links  
IGF-1 induces skeletal myocyte hypertrophy through calcineurin in association with GATA-2 and NF-ATc1.  
*Nature.* 1999 Aug 5;400(6744):581-5.  
 PMID: 10448862 [PubMed - indexed for MEDLINE]
- 48:**[Sun L, Youn HD, Loh C, Stolow M, He W, Liu JO.](#) Related Articles, Links  
Cabin 1, a negative regulator for calcineurin signaling in T lymphocytes.  
*Immunity.* 1998 Jun;8(6):703-11.  
 PMID: 9655484 [PubMed - indexed for MEDLINE]

49:Friday BB, Pavlath GK.

A calcineurin- and NFAT-dependent pathway regulates Myf5 gene expression in skeletal muscle reserve cells.  
*J Cell Sci.* 2001 Jan;114(Pt 2):303-10.  
 PMID: 11148132 [PubMed - indexed for MEDLINE]

 50:Crabtree GR.

Generic signals and specific outcomes: signaling through Ca<sup>2+</sup>, calcineurin, and NF-AT.  
*Cell.* 1999 Mar 5;96(5):611-4. Review. No abstract available.  
 PMID: 10089876 [PubMed - indexed for MEDLINE]

 51:Tokoyoda K, Takemoto Y, Nakayama T, Arai T, Kubo M.

Synergism between the calmodulin-binding and autoinhibitory domains on calcineurin is essential for the induction of their phosphatase activity.  
*J Biol Chem.* 2000 Apr 21;275(16):11728-34.  
 PMID: 10766794 [PubMed - indexed for MEDLINE]

 52:Semsarian C, Wu MJ, Ju YK, Marciniec T, Yeoh T, Allen DG, Harvey RP, Graham RM.

Skeletal muscle hypertrophy is mediated by a Ca<sup>2+</sup>-dependent calcineurin signalling pathway.  
*Nature.* 1999 Aug 5;400(6744):576-81.  
 PMID: 10448861 [PubMed - indexed for MEDLINE]

 53:Stathopoulos-Gerontides A, Guo JJ, Cyert MS.

Yeast calcineurin regulates nuclear localization of the Crz1p transcription factor through dephosphorylation.  
*Genes Dev.* 1999 Apr 1;13(7):798-803.  
 PMID: 10197980 [PubMed - indexed for MEDLINE]

 54:Lobo FM, Zanjani R, Ho N, Chatila TA, Fuleihan RL.

Calcium-dependent activation of TNF family gene expression by Ca<sup>2+</sup>/calmodulin kinase type IV/Gr and calcineurin.  
*J Immunol.* 1999 Feb 15;162(4):2057-63.  
 PMID: 9973478 [PubMed - indexed for MEDLINE]

 55:Wu H, Rothermel B, Kanatous S, Rosenberg P, Naya FJ, Shelton JM, Hutcheson KA, DiMaio JM, Olson EN, Bassel-Duby R, Williams RS.

Activation of MEF2 by muscle activity is mediated through a calcineurin-dependent pathway.  
*EMBO J.* 2001 Nov 15;20(22):6414-23.  
 PMID: 11707412 [PubMed - indexed for MEDLINE]

 56:Graef IA, Mermelstein PG, Stankunas K, Neilson JR, Deisseroth K, Tsien RW, Crabtree GR.

L-type calcium channels and GSK-3 regulate the activity of NF-ATc4 in hippocampal neurons.  
*Nature.* 1999 Oct 14;401(6754):703-8.  
 PMID: 10537109 [PubMed - indexed for MEDLINE]

 57:Liu J, Koyano-Nakagawa N, Amasaki Y, Saito-Ohara F, Ikeuchi T, Imai S, Takano T, Arai N, Yokota T, Arai K.

Calcineurin-dependent nuclear translocation of a murine transcription factor NFATx: molecular cloning and functional characterization.  
*Mol Biol Cell.* 1997 Jan;8(1):157-70.  
 PMID: 9017603 [PubMed - indexed for MEDLINE]

 58:Graef IA, Chen F, Chen L, Kuo A, Crabtree GR.

Signals transduced by Ca(2+)/calcineurin and NFATc3/c4 pattern the developing

vasculature.

Cell. 2001 Jun 29;105(7):863-75.

PMID: 11439183 [PubMed - indexed for MEDLINE]

**59:** Loh C, Shaw KT, Carew J, Viola JP, Luo C, Perrino BA, Rao A,

[Related Articles](#), [Links](#)

Calcineurin binds the transcription factor NFAT1 and reversibly regulates its activity.

J Biol Chem. 1996 May 3;271(18):10884-91.

PMID: 8631904 [PubMed - indexed for MEDLINE]

**60:** Mukerjee N, McGinnis KM, Park YH, Gnegy ME, Wang KK.

[Related Articles](#), [Links](#)

Caspase-mediated proteolytic activation of calcineurin in thapsigargin-mediated apoptosis in SH-SY5Y neuroblastoma cells.

Arch Biochem Biophys. 2000 Jul 15;379(2):337-43.

PMID: 10898953 [PubMed - indexed for MEDLINE]

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- 61: Li TK, Baksh S, Cristillo AD, Bierer BE. Related Articles, Links  
**Calcium- and FK506-independent interaction between the immunophilin FKBP51 and calcineurin.**  
*J Cell Biochem.* 2002;84(3):460-71.  
 PMID: 11813252 [PubMed - indexed for MEDLINE]
- 62: Williams KE, Cyert MS. Related Articles, Links  
**The eukaryotic response regulator Skn7p regulates calcineurin signaling through stabilization of Crz1p.**  
*EMBO J.* 2001 Jul 2;20(13):3473-83.  
 PMID: 11432834 [PubMed - indexed for MEDLINE]
- 63: Fruman DA, Pai SY, Burakoff SJ, Bierer BE. Related Articles, Links  
**Characterization of a mutant calcineurin A alpha gene expressed by EL4 lymphoma cells.**  
*Mol Cell Biol.* 1995 Jul;15(7):3857-63.  
 PMID: 7791792 [PubMed - indexed for MEDLINE]
- 64: Frey N, Olson EN. Related Articles, Links  
**Calsarcin-3, a novel skeletal muscle-specific member of the calsarcin family, interacts with multiple Z-disc proteins.**  
*J Biol Chem.* 2002 Apr 19;277(16):13998-4004.  
 PMID: 11842093 [PubMed - indexed for MEDLINE]
- 65: Yang J, Rothermel B, Vega RB, Frey N, McKinsey TA, Olson EN, Bassel-Duby R, Williams RS. Related Articles, Links  
**Independent signals control expression of the calcineurin inhibitory proteins MCIP1 and MCIP2 in striated muscles.**  
*Circ Res.* 2000 Dec 8;87(12):E61-8.  
 PMID: 11110780 [PubMed - indexed for MEDLINE]
- 66: Yoshimoto H, Saltsman K, Gasch AP, Li HX, Ogawa N, Botstein D, Brown PO, Cyert MS. Related Articles, Links  
**Genome-wide analysis of gene expression regulated by the calcineurin/Crz1p signaling pathway in *Saccharomyces cerevisiae*.**  
*J Biol Chem.* 2002 Aug 23;277(34):31079-88.  
 PMID: 12058033 [PubMed - indexed for MEDLINE]
- 67: Dell'Acqua ML, Dodge KL, Tavalin SJ, Scott JD. Related Articles, Links  
**Mapping the protein phosphatase-2B anchoring site on AKAP79. Binding and inhibition of phosphatase activity are mediated by residues 315-360.**  
*J Biol Chem.* 2002 Dec 13;277(50):48796-802.  
 PMID: 12354762 [PubMed - indexed for MEDLINE]
- 68: Wu H, Naya FJ, McKinsey TA, Mercer B, Shelton JM, Chin ER, Simard AR, Michel RN, Bassel-Duby R, Olson EN, Williams RS. Related Articles, Links

MEF2 responds to multiple calcium-regulated signals in the control of skeletal muscle fiber type.

EMBO J. 2000 May 2;19(9):1963-73.

PMID: 10790363 [PubMed - indexed for MEDLINE]

69: Serafini AT, Lewis RS, Clipstone NA, Bram RJ, Fanger C, Fiering S, Herzenberg LA, Crabtree GR.

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Isolation of mutant T lymphocytes with defects in capacitative calcium entry.  
Immunity. 1995 Aug;3(2):239-50.

PMID: 7648396 [PubMed - indexed for MEDLINE]

70: Boustany LM, Cyert MS.

[Related Articles](#), [Links](#)

Calcineurin-dependent regulation of Crz1p nuclear export requires Msn5p and a conserved calcineurin docking site.

Genes Dev. 2002 Mar 1;16(5):608-19.

PMID: 11877380 [PubMed - indexed for MEDLINE]

71: Magocsi M, Apati A, Gati R, Kolonics A.

[Related Articles](#), [Links](#)

Signalling mechanisms and the role of calcineurin in erythropoiesis.

Immunol Lett. 1999 May 3;68(1):187-95.

PMID: 10397175 [PubMed - indexed for MEDLINE]

72: Perrino BA.

[Related Articles](#), [Links](#)

Regulation of calcineurin phosphatase activity by its autoinhibitory domain.

Arch Biochem Biophys. 1999 Dec 1;372(1):159-65.

PMID: 10562429 [PubMed - indexed for MEDLINE]

73: Delling U, Tureckova J, Lim HW, De Windt LJ, Rotwein P, Molkentin JD.

[Related Articles](#), [Links](#)

A calcineurin-NFATc3-dependent pathway regulates skeletal muscle differentiation and slow myosin heavy-chain expression.

Mol Cell Biol. 2000 Sep;20(17):6600-11.

PMID: 10938134 [PubMed - indexed for MEDLINE]

74: Yang SA, Klee CB.

[Related Articles](#), [Links](#)

Low affinity Ca<sup>2+</sup>-binding sites of calcineurin B mediate conformational changes in calcineurin A.

Biochemistry. 2000 Dec 26;39(51):16147-54.

PMID: 11123943 [PubMed - indexed for MEDLINE]

75: Polizotto RS, Cyert MS.

[Related Articles](#), [Links](#)

Calcineurin-dependent nuclear import of the transcription factor Crz1p requires Nmd5p.

J Cell Biol. 2001 Sep 3;154(5):951-60.

PMID: 11535618 [PubMed - indexed for MEDLINE]

76: Feng B, Stemmer PM.

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Ca<sup>2+</sup> binding site 2 in calcineurin-B modulates calmodulin-dependent calcineurin phosphatase activity.

Biochemistry. 2001 Jul 31;40(30):8808-14.

PMID: 11467941 [PubMed - indexed for MEDLINE]

77: Liu W, Youn HD, Zhou XZ, Lu KP, Liu JO.

[Related Articles](#), [Links](#)

Binding and regulation of the transcription factor NFAT by the peptidyl prolyl cis-trans isomerase Pin1.

FEBS Lett. 2001 May 11;496(2-3):105-8.

PMID: 11356192 [PubMed - indexed for MEDLINE]

78: Olson EN, Williams RS.

[Related Articles](#), [Links](#)

Remodeling muscles with calcineurin.  
Bioessays. 2000 Jun;22(6):510-9. Review.  
PMID: 10842305 [PubMed - indexed for MEDLINE]

79: Chen R, Burke TF, Cumberland JE, Brummet M, Beck LA, Casolaro V, Georas SN. Related Articles, Links  
Glucocorticoids inhibit calcium- and calcineurin-dependent activation of the human IL-4 promoter.  
J Immunol. 2000 Jan 15;164(2):825-32.  
PMID: 10623828 [PubMed - indexed for MEDLINE]

80: Sugiura R, Sio SO, Shuntoh H, Kuno T. Related Articles, Links  
Molecular genetic analysis of the calcineurin signaling pathways.  
Cell Mol Life Sci. 2001 Feb;58(2):278-88. Review.  
PMID: 11289309 [PubMed - indexed for MEDLINE]

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Thapsigargin-induced apoptosis involves Cabin1-MEF2-mediated induction of Nur77.

Eur J Immunol. 2001 Jun;31(6):1757-64.

PMID: 11385620 [PubMed - indexed for MEDLINE]

 82: [Swoap SJ, Hunter RB, Stevenson EJ, Felton HM, Kansagra NV, Lang JM, Esser KA, Kandarian SC.](#)[Related Articles](#), [Links](#)

The calcineurin-NFAT pathway and muscle fiber-type gene expression.

Am J Physiol Cell Physiol. 2000 Oct;279(4):C915-24.

PMID: 11003571 [PubMed - indexed for MEDLINE]

 83: [Liu J, Arai K, Arai N.](#)[Related Articles](#), [Links](#)

Inhibition of NFATx activation by an oligopeptide: disrupting the interaction of NFATx with calcineurin.

J Immunol. 2001 Sep 1;167(5):2677-87.

PMID: 11509611 [PubMed - indexed for MEDLINE]

 84: [Garcia-Rodriguez C, Rao A.](#)[Related Articles](#), [Links](#)

Requirement for integration of phorbol 12-myristate 13-acetate and calcium pathways is preserved in the transactivation domain of NFAT1.

Eur J Immunol. 2000 Aug;30(8):2432-6.

PMID: 10940935 [PubMed - indexed for MEDLINE]

 85: [Sagoo JK, Fruman DA, Wesselborg S, Walsh CT, Bierer BE.](#)[Related Articles](#), [Links](#)

Competitive inhibition of calcineurin phosphatase activity by its autoinhibitory domain.

Biochem J. 1996 Dec 15;320 ( Pt 3):879-84.

PMID: 9003375 [PubMed - indexed for MEDLINE]

 86: [Au WC, Yeow WS, Pitha PM.](#)[Related Articles](#), [Links](#)

Analysis of functional domains of interferon regulatory factor 7 and its association with IRF-3.

Virology. 2001 Feb 15;280(2):273-82.

PMID: 11162841 [PubMed - indexed for MEDLINE]

 87: [Feske S, Giltnane J, Dolmetsch R, Staudt LM, Rao A.](#)[Related Articles](#), [Links](#)

Gene regulation mediated by calcium signals in T lymphocytes.

Nat Immunol. 2001 Apr;2(4):316-24.

PMID: 11276202 [PubMed - indexed for MEDLINE]

 88: [Trama J, Lu Q, Hawley RG, Ho SN.](#)[Related Articles](#), [Links](#)

The NFAT-related protein NFATL1 (TonEBP/NFAT5) is induced upon T cell activation in a calcineurin-dependent manner.

J Immunol. 2000 Nov 1;165(9):4884-94.

- 89:** Vidal-Taboada JM, Lu A, Pique M, Pons G, Gil J, Oliva R. Related Articles, Links  
 Down syndrome critical region gene 2: expression during mouse development and in human cell lines indicates a function related to cell proliferation.  
*Biochem Biophys Res Commun.* 2000 May 27;272(1):156-63.  
 PMID: 10872820 [PubMed - indexed for MEDLINE]
- 90:** Porter CM, Havens MA, Clipstone NA. Related Articles, Links  
 Identification of amino acid residues and protein kinases involved in the regulation of NFATc subcellular localization.  
*J Biol Chem.* 2000 Feb 4;275(5):3543-51.  
 PMID: 10652349 [PubMed - indexed for MEDLINE]
- 91:** Lim HW, De Windt LJ, Mante J, Kimball TR, Witt SA, Sussman MA, Molkentin JD. Related Articles, Links  
 Reversal of cardiac hypertrophy in transgenic disease models by calcineurin inhibition.  
*J Mol Cell Cardiol.* 2000 Apr;32(4):697-709.  
 PMID: 10756124 [PubMed - indexed for MEDLINE]
- 92:** West S, Bamborough P, Tully R. Related Articles, Links  
 Tertiary structure of calcineurin B by homology modeling.  
*J Mol Graph.* 1993 Mar;11(1):47-52, 45.  
 PMID: 8388712 [PubMed - indexed for MEDLINE]
- 93:** Banerjee A, Banks AS, Nawijn MC, Chen XP, Rothman PB. Related Articles, Links  
 Cutting edge: Suppressor of cytokine signaling 3 inhibits activation of NFATp.  
*J Immunol.* 2002 May 1;168(9):4277-81.  
 PMID: 11970967 [PubMed - indexed for MEDLINE]
- 94:** Holloway MP, Bram RJ. Related Articles, Links  
 A hydrophobic domain of Ca<sup>2+</sup>-modulating cyclophilin ligand modulates calcium influx signaling in T lymphocytes.  
*J Biol Chem.* 1996 Apr 12;271(15):8549-52.  
 PMID: 8621480 [PubMed - indexed for MEDLINE]
- 95:** Esau C, Boes M, Youn HD, Tatterson L, Liu JO, Chen J. Related Articles, Links  
 Deletion of calcineurin and myocyte enhancer factor 2 (MEF2) binding domain of Cabin1 results in enhanced cytokine gene expression in T cells.  
*J Exp Med.* 2001 Nov 19;194(10):1449-59.  
 PMID: 11714752 [PubMed - indexed for MEDLINE]
- 96:** Youn HD, Liu JO. Related Articles, Links  
 Cabin1 represses MEF2-dependent Nur77 expression and T cell apoptosis by controlling association of histone deacetylases and acetylases with MEF2.  
*Immunity.* 2000 Jul;13(1):85-94.  
 PMID: 10933397 [PubMed - indexed for MEDLINE]
- 97:** Redkar A, deRiel JK, Xu YS, Montgomery M, Patwardhan V, Litvin J. Related Articles, Links  
 Characterization of cardiac muscle factor 1 sequence motifs: retinoblastoma protein binding and nuclear localization.  
*Gene.* 2002 Jan 9;282(1-2):53-64.  
 PMID: 11814677 [PubMed - indexed for MEDLINE]
- 98:** Neilson J, Stankunas K, Crabtree GR. Related Articles, Links  
 Monitoring the duration of antigen-receptor occupancy by calcineurin/glycogen-synthase-kinase-3 control of NF-AT nuclear shuttling.

99: Wang J, Shelly L, Miele L, Boykins R, Norcross MA, Guan E.

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Human Notch-1 inhibits NF-kappa B activity in the nucleus through a direct interaction involving a novel domain.

J Immunol. 2001 Jul 1;167(1):289-95.

PMID: 11418662 [PubMed - indexed for MEDLINE]

100: Dupont-Versteegden EE, Knox M, Gurley CM, Houle JD, Peterson CA.

[Related Articles](#), [Links](#)

Maintenance of muscle mass is not dependent on the calcineurin-NFAT pathway.

Am J Physiol Cell Physiol. 2002 Jun;282(6):C1387-95.

PMID: 11997253 [PubMed - indexed for MEDLINE]

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**Cyclosporin A-sensitive signaling pathway involving calcineurin regulates survival of reactive astrocytes.**  
*Neurochem Int.* 2001 Apr;38(5):409-15.  
 PMID: 11222921 [PubMed - indexed for MEDLINE]
- 102: [Ritter O](#), [Hack S](#), [Schuh K](#), [Rothlein N](#), [Perrot A](#), [Osterziel KJ](#), [Schulte HD](#), [Neyses L](#). [Related Articles](#), [Links](#)  
**Calcineurin in human heart hypertrophy.**  
*Circulation.* 2002 May 14;105(19):2265-9.  
 PMID: 12010908 [PubMed - indexed for MEDLINE]
- 103: [Saneyoshi T](#), [Kume S](#), [Natsume T](#), [Mikoshiba K](#). [Related Articles](#), [Links](#)  
**Molecular cloning and expression profile of Xenopus calcineurin A subunit(1).**  
*Biochim Biophys Acta.* 2000 Dec 11;1499(1-2):164-170.  
 PMID: 11118649 [PubMed - indexed for MEDLINE]
- 104: [Matsumoto M](#), [Miyake Y](#), [Nagita M](#), [Inoue H](#), [Shitakubo D](#), [Takemoto K](#), [Ohtsuka C](#), [Murakami H](#), [Nakamura N](#), [Kanazawa H](#). [Related Articles](#), [Links](#)  
**A serine/threonine kinase which causes apoptosis-like cell death interacts with a calcineurin B-like protein capable of binding Na(+)/H(+) exchanger.**  
*J Biochem (Tokyo).* 2001 Aug;130(2):217-25.  
 PMID: 11481038 [PubMed - indexed for MEDLINE]
- 105: [Aramburu J](#), [Rao A](#), [Klee CB](#). [Related Articles](#), [Links](#)  
**Calcineurin: from structure to function.**  
*Curr Top Cell Regul.* 2000;36:237-95. Review. No abstract available.  
 PMID: 10842755 [PubMed - indexed for MEDLINE]
- 106: [Yoshiga T](#), [Yokoyama N](#), [Imai N](#), [Ohnishi A](#), [Moto K](#), [Matsumoto S](#). [Related Articles](#), [Links](#)  
**cDNA cloning of calcineurin heterosubunits from the pheromone gland of the silkworm, Bombyx mori.**  
*Insect Biochem Mol Biol.* 2002 Apr;32(4):477-86.  
 PMID: 11886782 [PubMed - indexed for MEDLINE]
- 107: [Carretero M](#), [Gomez-Gonzalo M](#), [Lara-Pezzi E](#), [Benedicto I](#), [Aramburu J](#), [Martinez-Martinez S](#), [Redondo J](#), [Lopez-Cabrera M](#). [Related Articles](#), [Links](#)  
**The hepatitis B virus X protein binds to and activates the NH(2)-terminal trans-activation domain of nuclear factor of activated T cells-1.**  
*Virology.* 2002 Aug 1;299(2):288-300.  
 PMID: 12202232 [PubMed - indexed for MEDLINE]
- 108: [Siddiq A](#), [Miyazaki T](#), [Takagishi Y](#), [Kanou Y](#), [Hayasaka S](#), [Inouye M](#), [Seo H](#), [Murata Y](#). [Related Articles](#), [Links](#)  
**Expression of ZAKI-4 messenger ribonucleic acid in the brain during rat development and the effect of hypothyroidism.**  
*Endocrinology.* 2001 May;142(5):1752-9.

- 109: [Suzuki E](#), [Nishimatsu H](#), [Satonaka H](#), [Walsh K](#), [Goto A](#), [Omata M](#), [Fujita T](#). Related Articles, Links  
[Nagai R](#), [Hirata Y](#).  
Angiotensin II induces myocyte enhancer factor 2- and calcineurin/nuclear factor of activated T cell-dependent transcriptional activation in vascular myocytes.  
*Circ Res.* 2002 May 17;90(9):1004-11.  
PMID: 12016267 [PubMed - indexed for MEDLINE]
- 110: [Sumarsono SH](#), [Wilson TJ](#), [Tymms MJ](#), [Venter DJ](#), [Corrck CM](#), [Kola R](#), Related Articles, Links  
[Lahoud MH](#), [Papas TS](#), [Seth A](#), [Kola I](#).  
Down's syndrome-like skeletal abnormalities in Ets2 transgenic mice.  
*Nature.* 1996 Feb 8;379(6565):534-7.  
PMID: 8596630 [PubMed - indexed for MEDLINE]
- 111: [Mukerjee N](#), [McGinnis KM](#), [Gnegy ME](#), [Wang KK](#), Related Articles, Links  
Caspase-mediated calcineurin activation contributes to IL-2 release during T cell activation.  
*Biochem Biophys Res Commun.* 2001 Aug 3;285(5):1192-9.  
PMID: 11478781 [PubMed - indexed for MEDLINE]
- 112: [Rascher C](#), [Pahl A](#), [Pecht A](#), [Brune K](#), [Solbach W](#), [Bang H](#), Related Articles, Links  
Leishmania major parasites express cyclophilin isoforms with an unusual interaction with calcineurin.  
*Biochem J.* 1998 Sep 15;334 ( Pt 3):659-67.  
PMID: 9729475 [PubMed - indexed for MEDLINE]
- 113: [Taigen T](#), [De Windt LJ](#), [Lim HW](#), [Molkentin JD](#), Related Articles, Links  
Targeted inhibition of calcineurin prevents agonist-induced cardiomyocyte hypertrophy.  
*Proc Natl Acad Sci U S A.* 2000 Feb 1;97(3):1196-201.  
PMID: 10655507 [PubMed - indexed for MEDLINE]
- 114: [de la Pompa JL](#), [Timmerman LA](#), [Takimoto H](#), [Yoshida H](#), [Elia AJ](#), [Samper E](#), Related Articles, Links  
[Potter J](#), [Wakeham A](#), [Marengere L](#), [Langille BL](#), [Crabtree GR](#), [Mak TW](#).  
Role of the NF-ATc transcription factor in morphogenesis of cardiac valves and septum.  
*Nature.* 1998 Mar 12;392(6672):182-6.  
PMID: 9515963 [PubMed - indexed for MEDLINE]
- 115: [Barlow GM](#), [Micale B](#), [Lyons GE](#), [Korenberg JR](#), Related Articles, Links  
Down syndrome cell adhesion molecule is conserved in mouse and highly expressed in the adult mouse brain.  
*Cytogenet Cell Genet.* 2001;94(3-4):155-62.  
PMID: 11856873 [PubMed - indexed for MEDLINE]
- 116: [Goto S](#), [Yamamoto H](#), [Hamasaki T](#), [Miyamoto E](#), Related Articles, Links  
[Calcineurin: structure and regulation of the cellular functions]  
Tanpakushitsu Kakusan Koso. 1998 Sep;43(12 Suppl):1706-14. Review. Japanese. No abstract available.  
PMID: 9788172 [PubMed - indexed for MEDLINE]
- 117: [Brogan IJ](#), [Pravica V](#), [Hutchinson IV](#), Related Articles, Links  
Genetic conservation of the immunophilin-binding domains of human calcineurin A1 and A2.  
*Transpl Immunol.* 2000 Jun;8(2):139-41.  
PMID: 11005320 [PubMed - indexed for MEDLINE]
- 118: [Katan-Khaykovich Y](#), [Shaul Y](#), Related Articles, Links

Nuclear import and DNA-binding activity of RFX1. Evidence for an autoinhibitory mechanism.

Eur J Biochem. 2001 May;268(10):3108-16.

PMID: 11358531 [PubMed - indexed for MEDLINE]

119: [Dugast C](#), [Weber MJ](#).

[Related Articles](#), [Links](#)

NF-Y binding is required for transactivation of neuronal aromatic L-amino acid decarboxylase gene promoter by the POU-domain protein Brn-2.

Brain Res Mol Brain Res. 2001 Apr 18;89(1-2):58-70.

PMID: 11311976 [PubMed - indexed for MEDLINE]

120: [Ranger AM](#), [Grusby MJ](#), [Hodge MR](#), [Gravallese EM](#), [de la Brousse FC](#), [Hoey T](#), [Mickanin C](#), [Baldwin HS](#), [Glimcher LH](#).

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The transcription factor NF-ATc is essential for cardiac valve formation.

Nature. 1998 Mar 12;392(6672):186-90.

PMID: 9515964 [PubMed - indexed for MEDLINE]

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Opposite regulation of tissue factor expression by calcineurin in monocytes and endothelial cells.  
*J Immunol.* 2001 Jun 15;166(12):7112-20.  
PMID: 11390456 [PubMed - indexed for MEDLINE]
- 122: [Kessen U, Schaloske R, Aichem A, Mutzel R.](#) Related Articles, Links  
Ca(2+)/calmodulin-independent activation of calcineurin from Dictyostelium by unsaturated long chain fatty acids.  
*J Biol Chem.* 1999 Dec 31;274(53):37821-6.  
PMID: 10608845 [PubMed - indexed for MEDLINE]
- 123: [Dunn SE, Chin ER, Michel RN.](#) Related Articles, Links  
Matching of calcineurin activity to upstream effectors is critical for skeletal muscle fiber growth.  
*J Cell Biol.* 2000 Oct 30;151(3):663-72.  
PMID: 11062266 [PubMed - indexed for MEDLINE]
- 124: [Nikolskaya AN, Galperin MY.](#) Related Articles, Links  
A novel type of conserved DNA-binding domain in the transcriptional regulators of the AlgR/AgrA/LytR family.  
*Nucleic Acids Res.* 2002 Jun 1;30(11):2453-9.  
PMID: 12034833 [PubMed - indexed for MEDLINE]
- 125: [Liu J, Yuan Y, Huan J, Shen Z.](#) Related Articles, Links  
Inhibition of breast and brain cancer cell growth by BCCIPalpha, an evolutionarily conserved nuclear protein that interacts with BRCA2.  
*Oncogene.* 2001 Jan 18;20(3):336-45.  
PMID: 11313963 [PubMed - indexed for MEDLINE]
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Potentiation of GATA-2 activity through interactions with the promyelocytic leukemia protein (PML) and the t(15;17)-generated PML-retinoic acid receptor alpha oncoprotein.  
*Mol Cell Biol.* 2000 Sep;20(17):6276-86.  
PMID: 10938104 [PubMed - indexed for MEDLINE]
- 127: [Wang MG, Yi H, Guerini D, Klee CB, McBride OW.](#) Related Articles, Links  
Calcineurin A alpha (PPP3CA), calcineurin A beta (PPP3CB) and calcineurin B (PPP3R1) are located on human chromosomes 4, 10q21-->q22 and 2p16-->p15 respectively.  
*Cytogenet Cell Genet.* 1996;72(2-3):236-41.  
PMID: 8978785 [PubMed - indexed for MEDLINE]

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[Richardson JA](#), [Olson EN](#).

Role of Dlx6 in regulation of an endothelin-1-dependent, dHAND branchial arch enhancer.  
Genes Dev. 2001 Nov 15;15(22):3039-49.  
PMID: 11711438 [PubMed - indexed for MEDLINE]

129: [Reuter A](#), [Mi J](#), [Sehrsam I](#), [Ludolph AC](#), [Volkel H](#). [Related Articles](#), [Links](#)

A novel calcineurin splice variant that modifies calcineurin activity.  
Eur J Biochem. 2001 Nov;268(22):5955-60.  
PMID: 11722584 [PubMed - indexed for MEDLINE]

130: [Perrino BA](#), [Martin BA](#). [Related Articles](#), [Links](#)

Ca(2+)- and myristoylation-dependent association of calcineurin with phosphatidylserine.  
J Biochem (Tokyo). 2001 May;129(5):835-41.  
PMID: 11328609 [PubMed - indexed for MEDLINE]

131: [Juvvadi PR](#), [Arioka M](#), [Nakajima H](#), [Kitamoto K](#). [Related Articles](#), [Links](#)

Cloning and sequence analysis of cnaA gene encoding the catalytic subunit of calcineurin from *Aspergillus oryzae*.  
FEMS Microbiol Lett. 2001 Oct 16;204(1):169-74.  
PMID: 11682197 [PubMed - indexed for MEDLINE]

132: [Lim J](#), [Moon YH](#), [An G](#), [Jang SK](#). [Related Articles](#), [Links](#)

Two rice MADS domain proteins interact with OsMADS1.  
Plant Mol Biol. 2000 Nov;44(4):513-27.  
PMID: 11197326 [PubMed - indexed for MEDLINE]

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Interactions of calcineurin A, calcineurin B, and Ca2+.  
Biochemistry. 1999 Sep 21;38(38):12481-9.  
PMID: 10493818 [PubMed - indexed for MEDLINE]

134: [Wu WS](#), [Xu ZX](#), [Ran R](#), [Meng F](#), [Chang KS](#). [Related Articles](#), [Links](#)

Promyelocytic leukemia protein PML inhibits Nur77-mediated transcription through specific functional interactions.  
Oncogene. 2002 May 30;21(24):3925-33.  
PMID: 12032831 [PubMed - indexed for MEDLINE]

135: [Ring C](#), [Ogata S](#), [Meek L](#), [Song J](#), [Ohta T](#), [Miyazono K](#), [Cho KW](#). [Related Articles](#), [Links](#)

The role of a Williams-Beuren syndrome-associated helix-loop-helix domain-containing transcription factor in activin/nodal signaling.  
Genes Dev. 2002 Apr 1;16(7):820-35.  
PMID: 11937490 [PubMed - indexed for MEDLINE]

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Inhibition of Tcf3 binding by I-mfa domain proteins.  
Mol Cell Biol. 2001 Mar;21(5):1866-73.  
PMID: 11238923 [PubMed - indexed for MEDLINE]

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T cell activation signals upregulate CBP-dependent transcriptional activity.  
Biochem Biophys Res Commun. 2001 Mar 9;281(4):842-50.  
PMID: 11237736 [PubMed - indexed for MEDLINE]

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Muscle glucose transporter (GLUT 4) gene expression during exercise.

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Nuclear translocation and activation of the transcription factor NFAT is blocked by herpes simplex virus infection.

J Virol. 2001 Oct;75(20):9955-65.

PMID: 11559828 [PubMed - indexed for MEDLINE]

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NFAT signaling: choreographing the social lives of cells.

Cell. 2002 Apr;109 Suppl:S67-79. Review.

PMID: 11983154 [PubMed - indexed for MEDLINE]

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